Complete If Known

PTC/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE			SURE	Filing Date					
STATEMENT BY APPLICANT				ICANT	First Named Inventor	XIAO-AH WANG			
					Art Unit				
(Use as many sheets as necessary)					Examiner Name				
Sheet	1	/ of / Attorney Docket Number							
				NON PATE	NT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1					cle (when appropriate), title of the item (book, s), volume-issue number(s), publisher, city shed.	T²		
A		SPACED	MULTI	PATH ENVI	RONMENTS". IEEE	RAKE RECEIVERS IN CLOSELY JOURNAL ON SELECTED AREAS 2431. DECEMBER 2001			
B		IN COMMUNICATIONS, VOL. 19, NO. 12, PP 2429-2431. DECEMBER 2001 YP.E. WANG. ET AL., "THE BENEFITS OF ADVANCED RECENERS FOR HIGH SPEED DATA COMMUNICATIONS IN WCDMA", PROCEEDINGS OF IEEE YEMICULAR TECHNOLOGY CONFERENCE, PP. 132-136, SEPTEMBER 2002 G. KUTZ AND A. CHASS, "ON THE PERFORMANCE OF A PRACTICAL DOWNLINK CDMA GENERALIZED RAKE RECEIVER", PROCEEDINGS OF IEEE VEHICULAR TECHNOLOGY CONFERENCE, PP. 1352-1356, SEPTEMBER 2002							
AD									
B		A.MIRBA	GMERI OMOUS	AND Y.C. )	100m," A Linear Mi DMA WITH CHIP PI	MSE RECEIVER FOR MULTIPATH ULSE SHAPING", IEEE TRANS. P. 1072–1086, SEPTEMBER 2002			
			2000 NATION OF THE PARTY OF THE				**********		
·····			······································				** 64-1 67-7-0-1		
							••••••••		

Examiner Signature	Adrona	Date Considered	3	111	67	
	 7.7					

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Complete if Known

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Examiner

Signature

					фрисацо	Hulling	l			_	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use as many sheets as necessary)				F	iling Date	•					
				. 1	First Named Inventor			AO-AN WANG			
				7	Art Unit						
					Examiner Name						
Sheet					Attomey Docket Number						
										_	
U. S. PATENT DOCUMENTS  Examiner Cite   Document Number   Publication Date   Name of Patentee or   Pages, Columns, Lines, Where											
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YY			ame of Patentee or ant of Cited Document		Relevant Passages or Relevant Figures Appear			
A		US-2001/0028677-A1 10/11/2001		01	VT-PTH FOTE INJOHE			page 8, paragraph 77-80			
<u> </u>		US-		<del></del>	· · · ·	N BRISO IV	nag r	- <u>9</u> - <u>0</u> ,			
		US-				<del></del>				$\dashv$	
		US-			<del></del>						
		US-			<del> </del>			· · · · · · · · · · · · · · · · · · ·		$\neg$	
		US-									
		US-	-		<del></del>						
		US-	1		<del>                                     </del>					$\equiv$	
		US-								$\neg$	
		US-									
		US-									
		US-									
		US-			<u> </u>						
		US-			<u> </u>	•	<del></del>				
		US-			<u> </u>						
		US-			<b>i</b>						
		US-				· · · · · · · · · · · · · · · · · · ·			·····		
		US-	<u> </u>		<del></del>		<del></del>				
	-		FORFICN D	AZENI		MENTS				〓	
			FOREIGN P	AIEN	DOCU	MENIS				—	
Examiner	Cite No.'	Foreign Patent Docum	ment		ation Date Name of Pate				s, Columns, Lines,	┰╸	
Initials*	NO.	Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (If known)			MM-DD-YYYY Applicant of C		ed Document Where Relevant Passages or Relevant Figures Appear			Ш	
		P				, - <sub></sub>					
<b></b>						······	••••••			Н	
<del></del>		>> <del></del>	,			******************************	•••••••			H	
<del></del>		, , , , , , , , , , , , , , , , , , , ,				)				├─┤	
										Ш	

DURONO EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 

6 Applicant is to place a check mark here if English language Translation is attached.

Date

Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.